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| <b>Index of Claims</b><br> | <b>Application/Control No.</b><br>10057816 | <b>Applicant(s)/Patent Under Reexamination</b><br>MAHANY, RONALD L. |
|   | <b>Examiner</b><br>Vo, Nguyen              | <b>Art Unit</b><br>2618   |


|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
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| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |            |            | <input type="checkbox"/> CPA |  |  |  | <input type="checkbox"/> T.D. |  |  |  | <input type="checkbox"/> R.1.47 |  |  |  |
|--|----------|------------|------------|------------------------------|--|--|--|-------------------------------|--|--|--|---------------------------------|--|--|--|
| CLAIM  |          | DATE       |            |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
| Final  | Original | 11/11/2007 | 05/11/2008 |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 1        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 2        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 3        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 4        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 5        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 6        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 7        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 8        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 9        | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 10       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 11       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 12       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 13       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 14       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 15       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 16       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 17       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 18       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 19       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 20       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 21       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 22       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 23       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 24       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 25       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 26       | =          | =          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 27       | =          | =          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 28       | =          | =          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 29       | =          | =          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 30       | =          | =          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 31       | =          | =          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 32       | ✓          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 33       | ✓          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 34       | ✓          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 35       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 36       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |

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|  | 37       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 38       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 39       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 40       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 41       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 42       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 43       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 44       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 45       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 46       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 47       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 48       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 49       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 50       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 51       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 52       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 53       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 54       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 55       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 56       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 57       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 58       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 59       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 60       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 61       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 62       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 63       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 64       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 65       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 66       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 67       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 68       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 69       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 70       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 71       | -          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 72       | ✓          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |

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| CLAIM  |          | DATE       |            |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
| Final  | Original | 11/11/2007 | 05/11/2008 |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 73       | ✓          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 74       | ✓          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 75       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 76       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 77       | O          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 78       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 79       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 80       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 81       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 82       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 83       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 84       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 85       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 86       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 87       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 88       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 89       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 90       | O          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 91       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 92       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 93       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 94       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 95       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 96       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 97       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 98       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 99       | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 100      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 101      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 102      | O          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 103      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 104      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 105      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 106      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 107      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 108      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |

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| Final  | Original | 11/11/2007 | 05/11/2008 |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 109      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 110      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 111      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 112      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 113      | ✓          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 114      | O          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 115      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 116      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 117      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 118      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 119      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 120      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 121      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 122      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 123      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 124      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 125      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 126      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 127      | O          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 128      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 129      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 130      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 131      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 132      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 133      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 134      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 135      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 136      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 137      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 138      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 139      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 140      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 141      | O          | -          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 142      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 143      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 144      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |

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| Final  | Original | 11/11/2007 | 05/11/2008 |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 145      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 146      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 147      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 148      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 149      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 150      | ✓          | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 151      |            | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 152      |            | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 153      |            | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 154      |            | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 155      |            | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |
|  | 156      |            | ✓          |                              |  |  |  |                               |  |  |  |                                 |  |  |  |